



LEGEND

EXISTING

— EP —	PROPERTY/ROW LINE
— B —	EDGE OF PAVEMENT
— B —	BUILDING
— S — S —	WOOD FENCE
— S — S —	SEWER LINE
— W — W —	WATER LINE
— D — D —	STORM DRAIN
— G — G —	GAS LINE
— OHW —	OVERHEAD WIRES
— UND W —	UNDERGROUND WIRES
⊙	SEWER MANHOLE
D=5.5'	DEPTH OF SEWER SERVICE LATERAL AT PROPERTY LINE
⊙	SHUTOFF VALVE
⊙	WATER SERVICE SHUTOFF
⊙	HYDRANT
⊙	UTILITY POLE
□ C.B.	CATCH BASIN
■ MBOX	MAILBOX
⊙	TREE
⊙ PL	PLANTINGS/SHRUBS

PROPOSED (UNLESS LABELLED)

— W —	WATER MAIN
+	HYDRANT
+	GATE VALVE

ABBREVIATIONS

I	INVERT ELEVATION
R	RIM
CS	CURB STOP
VA	VALVE ANCHORING
DI	DUCTILE IRON
BIT.	BITUMINOUS CONCRETE
FNC	FENCE
PL	PLANTINGS/SHRUBS
ROW	RIGHT OF WAY

NOTES

- PRIOR TO CONSTRUCTION, THE CONTRACTOR IS REQUIRED TO PERFORM EXPERIMENTAL EXCAVATIONS TO DETERMINE THE EXACT LOCATION AND DEPTH OF THE 6 INCH ASBESTOS CEMENT WATER MAIN, 6 INCH GAS MAIN, AND SEWER SERVICE LATERALS AT HOUSE NOS. 210, 210B, 1, AND 3.
- THE WATER MAIN SHALL BE LAID UNDER THE 6 INCH SEWER SERVICE LATERALS AT HOUSE NOS. 210, 210B, 1, AND 3 AT SUCH ELEVATION THAT THERE IS AT LEAST 18 INCHES VERTICAL CLEARANCE BETWEEN THE OUTER SURFACES OF THE SEWER SERVICE LATERALS AND THE 8 INCH WATER MAIN. AT EACH SEWER SERVICE LATERAL CROSSING LOCATION, THE WATER MAIN SHALL BE INSTALLED SO SO THAT A FULL LENGTH OF DUCTILE IRON PIPE WILL HAVE ITS JOINTS EQUIDISTANT FROM THE CENTER OF THE SEWER SERVICE LATERAL CROSSING OR A MINIMUM OF NINE (9) FEET EACH SIDE OF THE CROSSING. PROVIDE ADEQUATE SUPPORT TO PREVENT SETTLEMENT OF THE EXISTING SEWER SERVICE LATERAL. OTHER THAN THE VERTICAL BENDS SHOWN ON THE DRAWING, THE 8 INCH WATER MAIN SHALL BE INSTALLED WITHOUT ANY ADDITIONAL VERTICAL BENDS.
- MINIMUM DEPTH OF WATER MAIN SHALL BE 5'-0". ADDITIONAL DEPTH WILL BE REQUIRED AT SEWER SERVICE LATERALS. NO ADDITIONAL PAYMENT WILL BE MADE FOR ADDITIONAL DEPTH ADJUSTMENTS TO THE WATER MAIN UNDER SEWER SERVICE LATERALS.
- THE EXISTING SEWER SERVICE LATERALS HAVE RIGID INSULATION ABOVE EACH PIPE FOR FROST PROTECTION. THE CONTRACTOR SHALL CUT AND REMOVE THE EXISTING INSULATION THAT HAS BEEN EXPOSED AND PLACE TWO NEW LAYERS OF 2 INCH THICK RIGID INSULATION BOARD OVER EACH SEWER SERVICE LATERAL.
- MAINTAIN CONTINUOUS WATER SERVICE TO CUSTOMERS WITH ONLY MINIMAL INTERRUPTIONS AS APPROVED BY THE OWNER.
- WHEN INSTALLING EACH NEW WATER SERVICE, CONNECT TO THE EXISTING WATER SERVICE PIPE ON THE HOMEOWNER'S SIDE OF THE EXISTING CURB STOP AND CURB BOX. EACH NEW CURB STOP AND CURB BOX SHALL BE PLACED ON THE OWNER'S (TOWN'S) SIDE OF THE RIGHT OF WAY LINE. REVIEW EACH NEW CURB STOP AND BOX LOCATION WITH THE OWNER PRIOR TO INSTALLATION.
- FOR HOUSE NO. 9 NEW WATER SERVICE, TAP THE 8 INCH WATER MAIN AND INSTALL THE CORPORATION COCK 10 FEET BACK FROM THE CENTERLINE OF THE HYDRANT.
- PEDESTRIAN AND VEHICULAR ACCESS TO ABUTTING PREMISES MUST BE MAINTAINED IN A SAFE CONDITION AT ALL TIMES.
- AREAS DISTURBED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITIONS. FENCES, MAIL BOXES, SHRUBS, ETC. REMOVED DURING CONSTRUCTION SHALL BE RE-INSTALLED TO PRE-CONSTRUCTION LOCATIONS.
- ALL ASBESTOS CEMENT WATER MAINS AND PIECES OF MAINS REMOVED DURING THE CUT-IN AT THE INTERSECTION OF WALTON ROAD AND ANNE'S LANE SHALL BE REMOVED AND LEGALLY DISPOSED OF.
- PREPARATION AND SUBMITTAL OF A DETAILED SEQUENCE OF CONSTRUCTION IS REQUIRED TO LIMIT WATER MAIN SHUTDOWNS TO WATER DEPARTMENT CUSTOMERS ON WALTON ROAD AND ANNE'S LANE.
- CONSTRUCTION DETAILS FOR INSTALLATION OF THE WATER MAIN ARE INCLUDED IN APPENDIX A AT THE END OF THE SPECIFICATIONS.

GENERAL NOTES

- LOCATIONS OF ALL UTILITIES AND SUBSURFACE STRUCTURES ARE FROM SURVEY AND RECORDS OF THE TOWN, CORPORATIONS, ETC. AND ARE CONSIDERED APPROXIMATE BOTH AS TO SIZE AND LOCATION, AND ARE INDICATED ON THESE DRAWINGS TO GIVE BIDDERS A GENERAL IDEA OF EXISTING CONDITIONS TO BE INVESTIGATED BY THE BIDDER. IT IS UNDERSTOOD AND AGREED THAT EACH BIDDER WILL NOT RELY UPON THESE DRAWINGS FOR SUCH INFORMATION, BUT THAT EACH BIDDER SHALL MAKE EXAMINATIONS IN THE FIELD BY VARIOUS AVAILABLE METHODS AND SHALL OBTAIN INFORMATION FROM UTILITY CORPORATIONS AND INDIVIDUALS AS TO THE LOCATION OF ALL SUBSURFACE STRUCTURES.
- FIELD SURVEY PERFORMED BY STOCKTON SERVICES, HAMPTON, NH, AUG 2016
- VERTICAL DATUM IS ASSUMED.
TBM #1 FLANGE BOLT HYDRANT (STREET SIDE) ELEV 51.30
TBM #2 SET PK NAIL NEAR EDGE PAVEMENT TURNAROUND ELEV 48.19

TOWN OF SEABROOK SEABROOK, NEW HAMPSHIRE WATER PIPELINE AND APPURTENANCES FOR ANNE'S LANE

REVISION DATES	DESIGNED BY	SCALE	SHEET NO. 1 OF 1
05/10/2017	RLW	AS NOTED	
	DRAWN BY	JOB NO.	
	AWB	17-02	
	CHECKED BY	DATE	
	CPS	APRIL 2017	